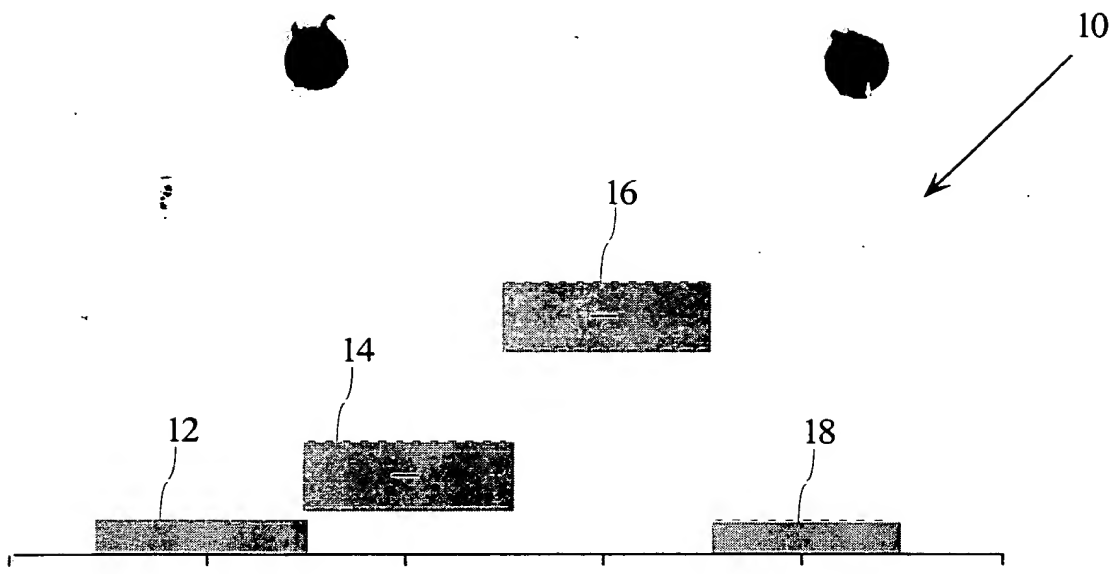


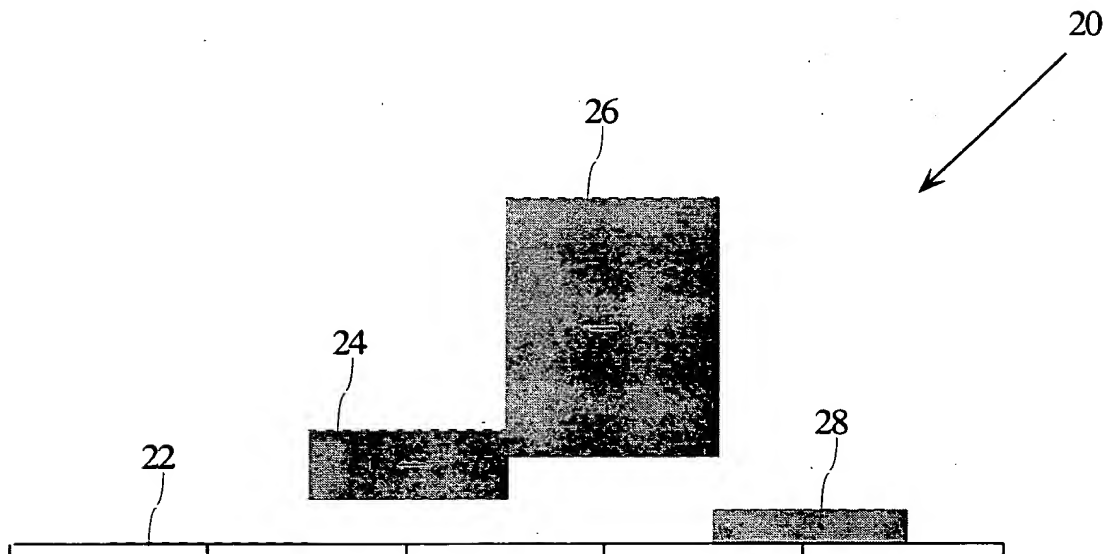
09768151.012401



$T = (0, 63, 191, 0)$

$\delta = 32$

Fig. 1



$T = (0, 63, 191, 0)$

$\delta = (0, 32, 112, 32)$

Fig. 2

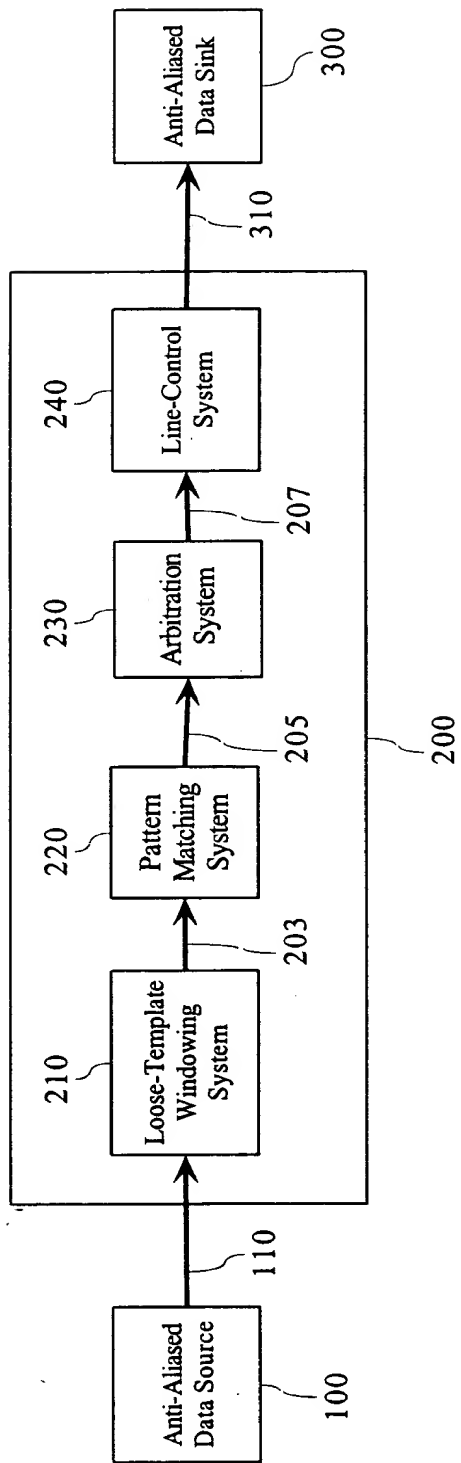


FIG. 3

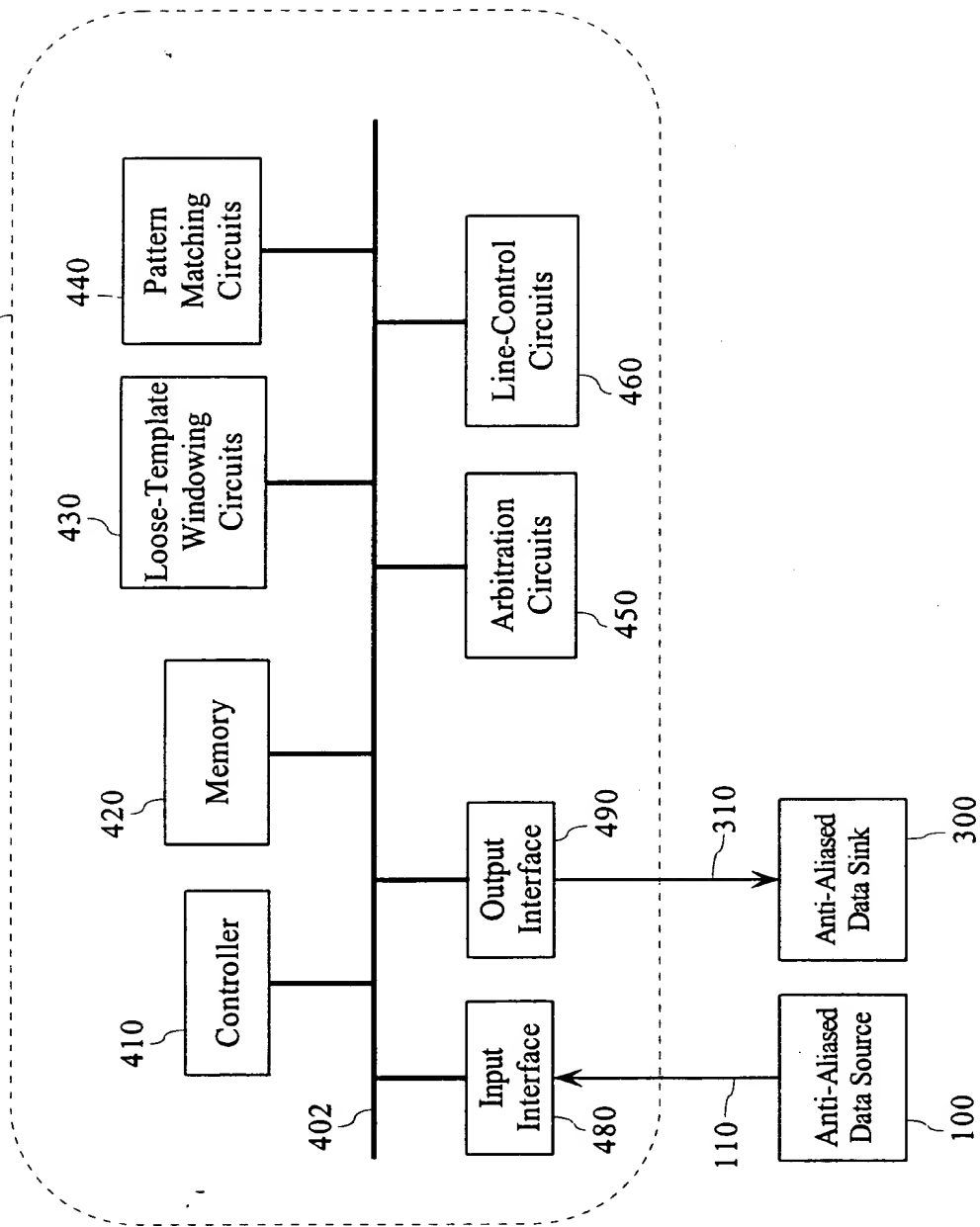


Fig. 4

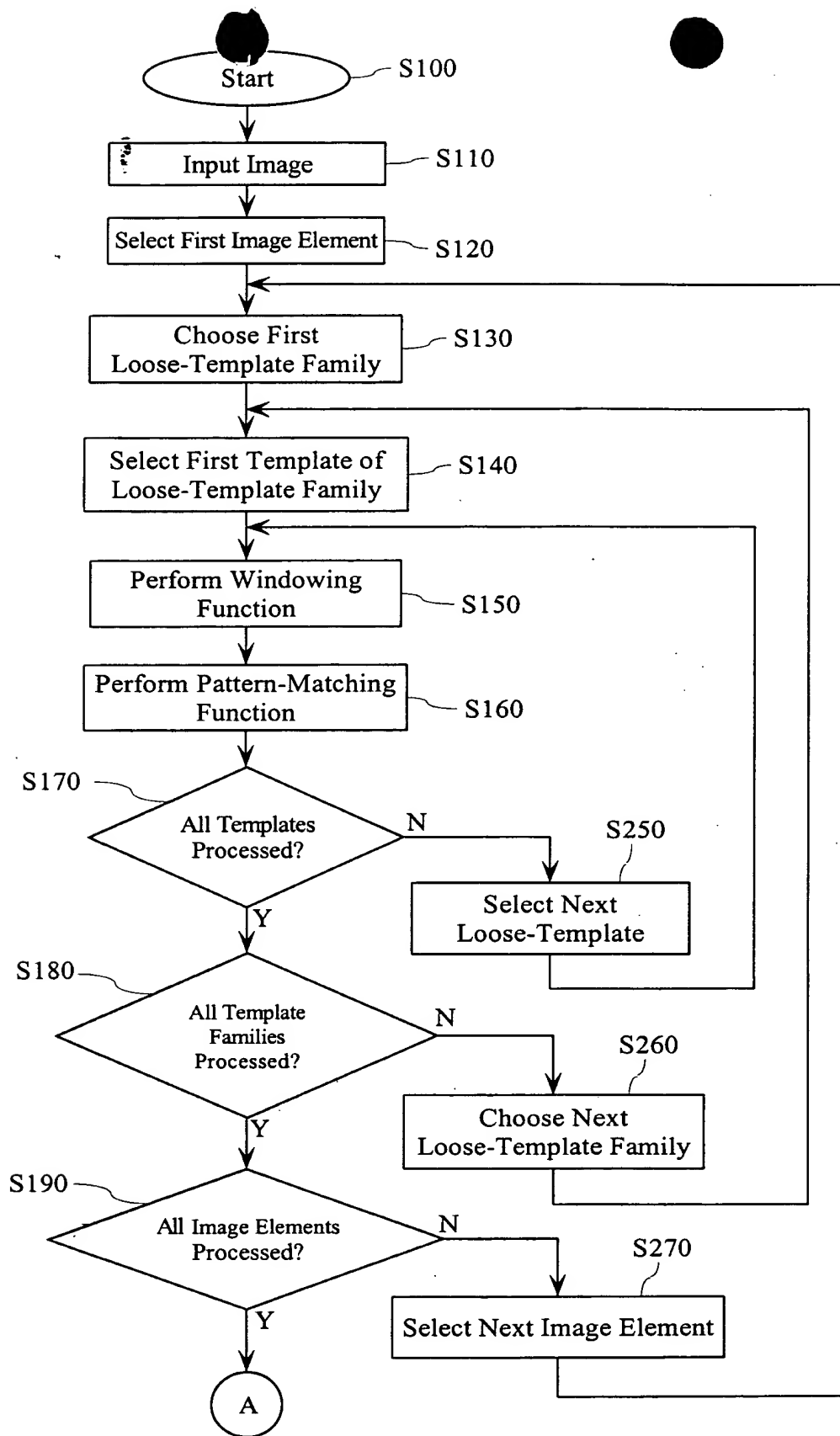


Fig. 5A

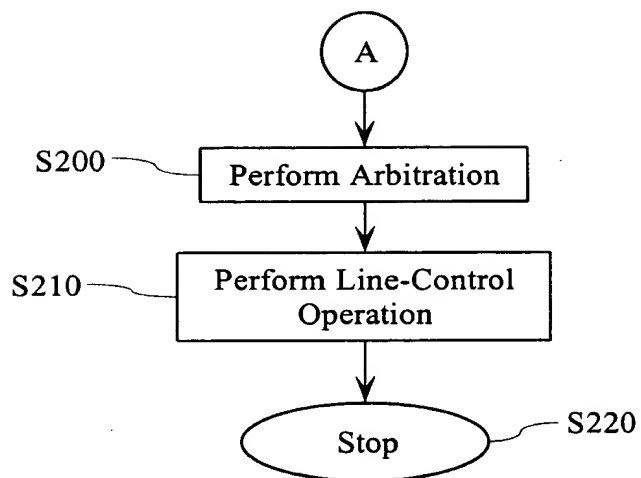


Fig. 5B

09768161 012401
T04210 T9T89260

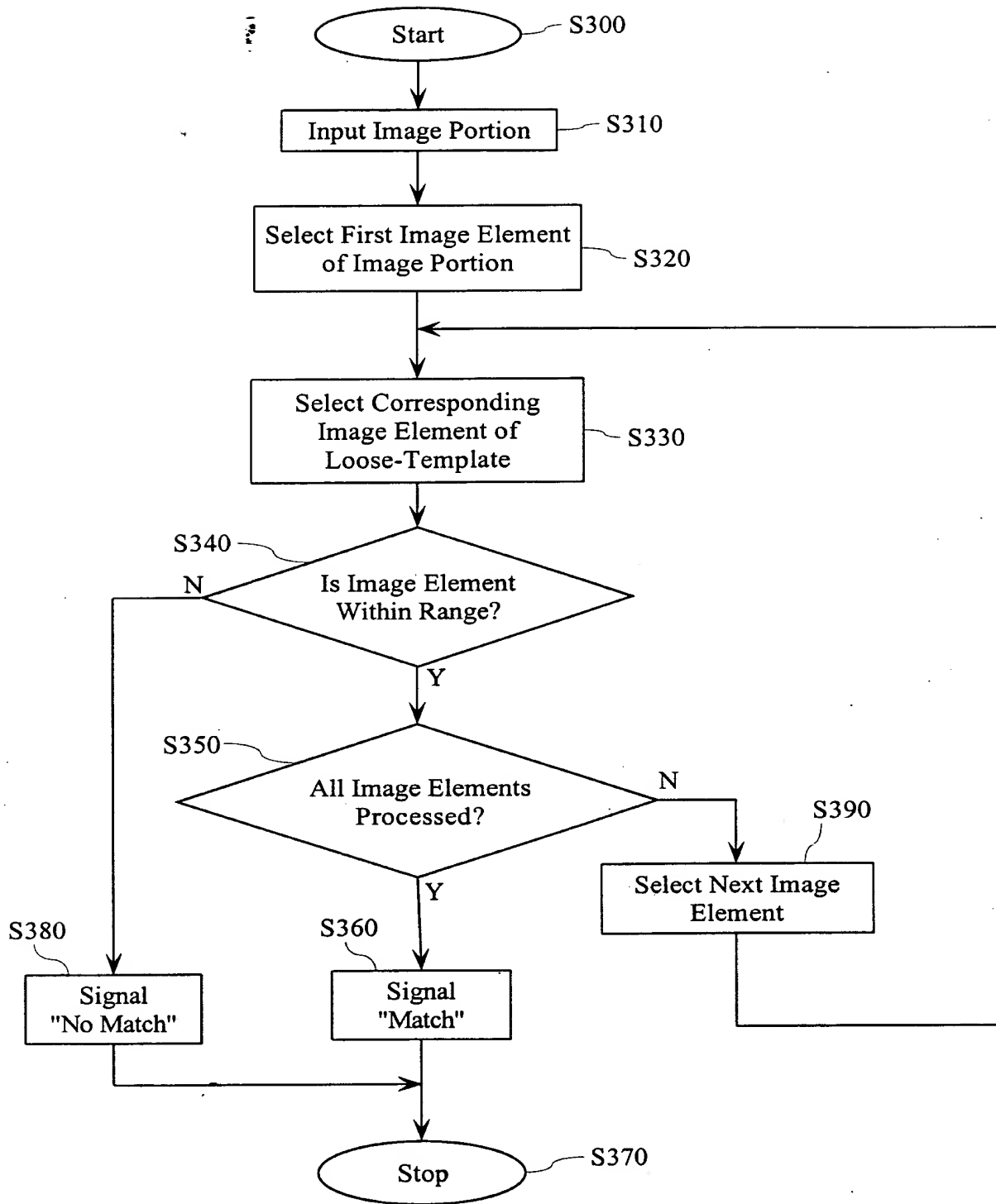


Fig. 6

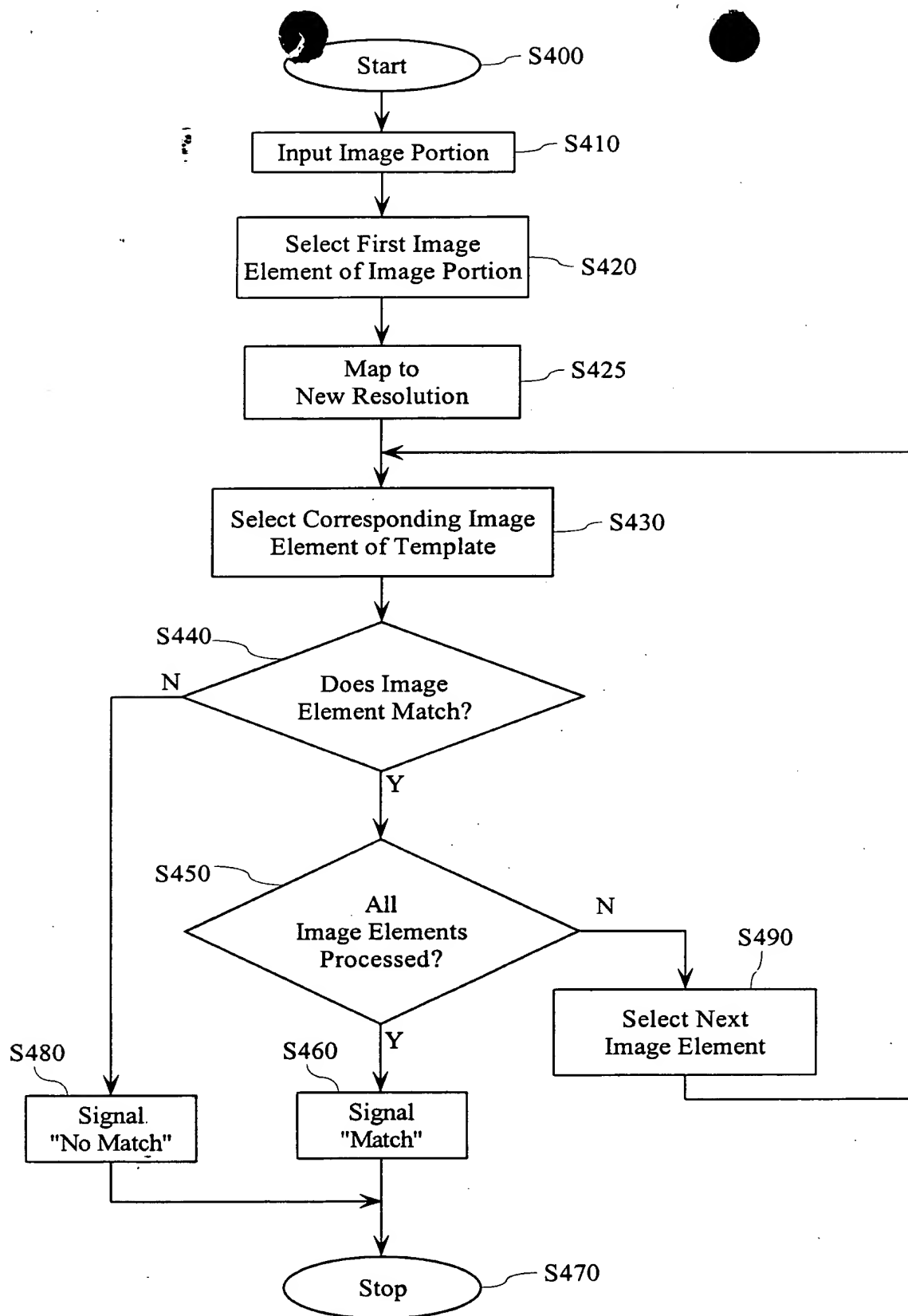


Fig. 7

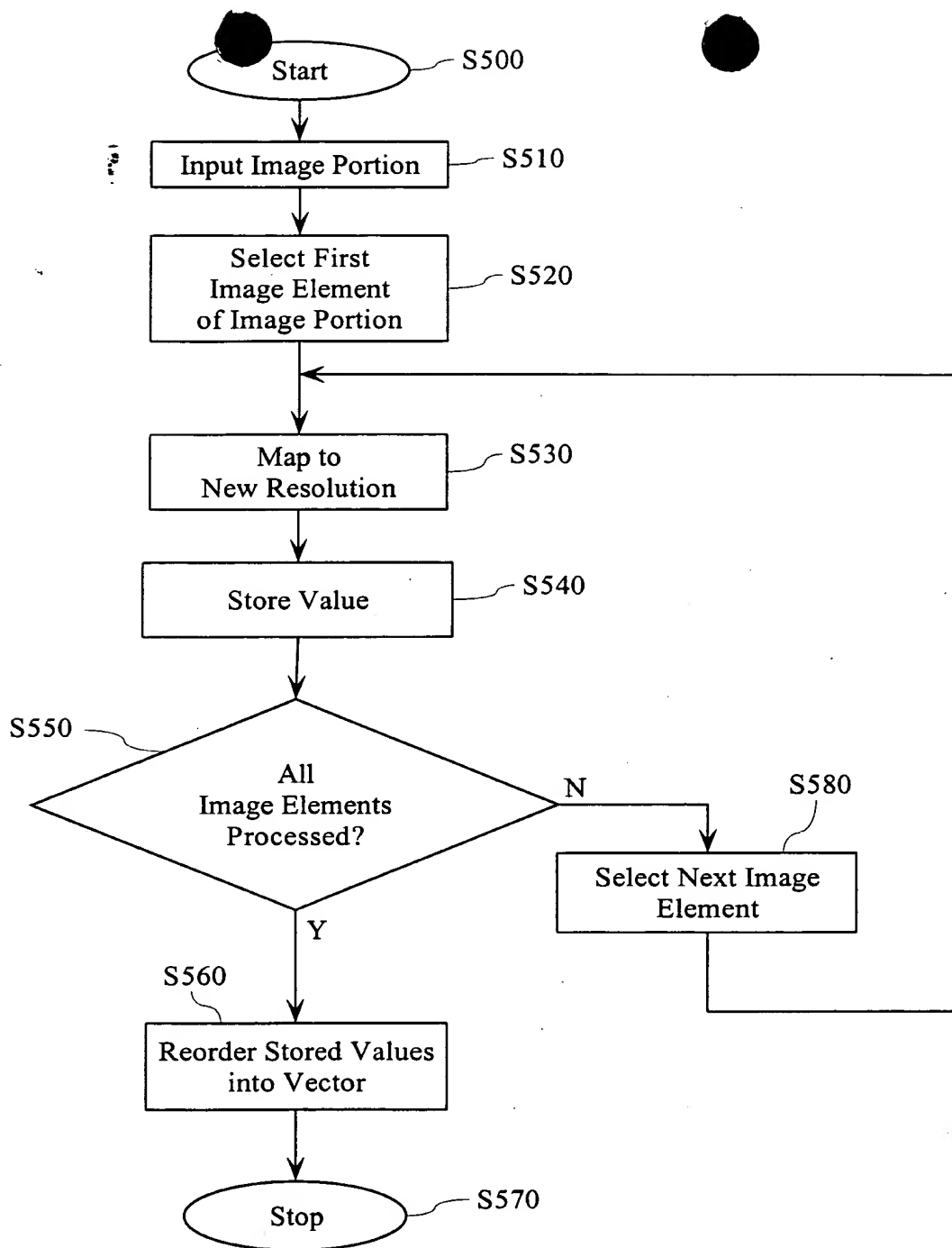


Fig. 8

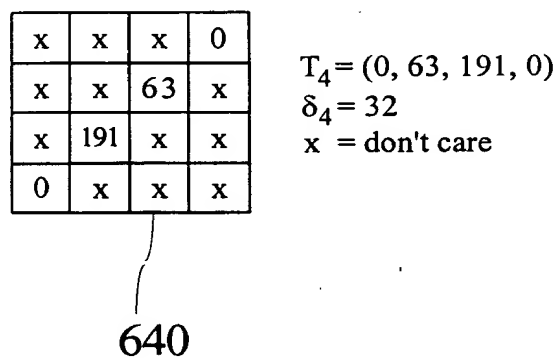
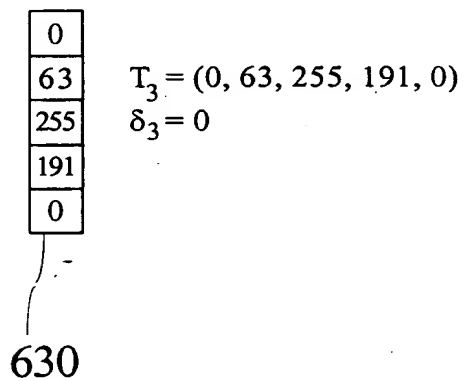
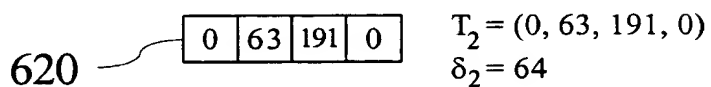
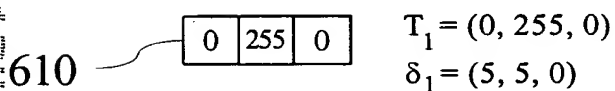
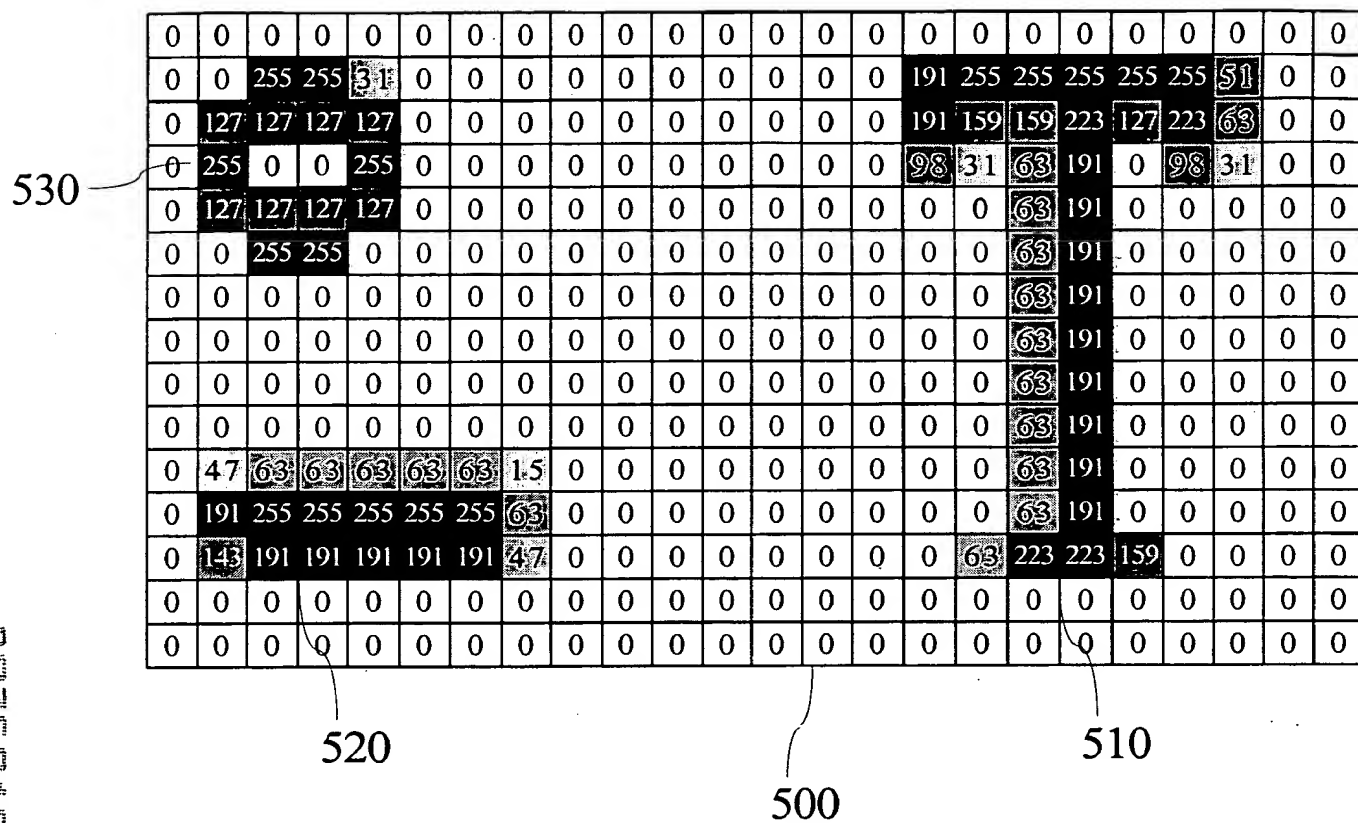


Fig. 9

Figure 1 is a schematic diagram of a 20x20 grid. The grid is divided into four quadrants by a vertical line at column 10 and a horizontal line at row 10. The top-left quadrant (columns 1-10, rows 1-10) is labeled 532. The top-right quadrant (columns 11-20, rows 1-10) is labeled 512. The bottom-left quadrant (columns 1-10, rows 11-20) is labeled 500. The bottom-right quadrant (columns 11-20, rows 11-20) is labeled 512. The grid contains various labels: '0' in most cells, 'T1' in a 2x2 block at (row, col) = (2,1-4), (3,1-4); 'T2' in a 4x1 column at (row, col) = (11,17-20), (12,17-20), (13,17-20), (14,17-20); 'T3' in a 2x2 block at (row, col) = (18,3-6), (19,3-6); and 'T4' in a single cell at (row, col) = (1,19).

Fig. 10

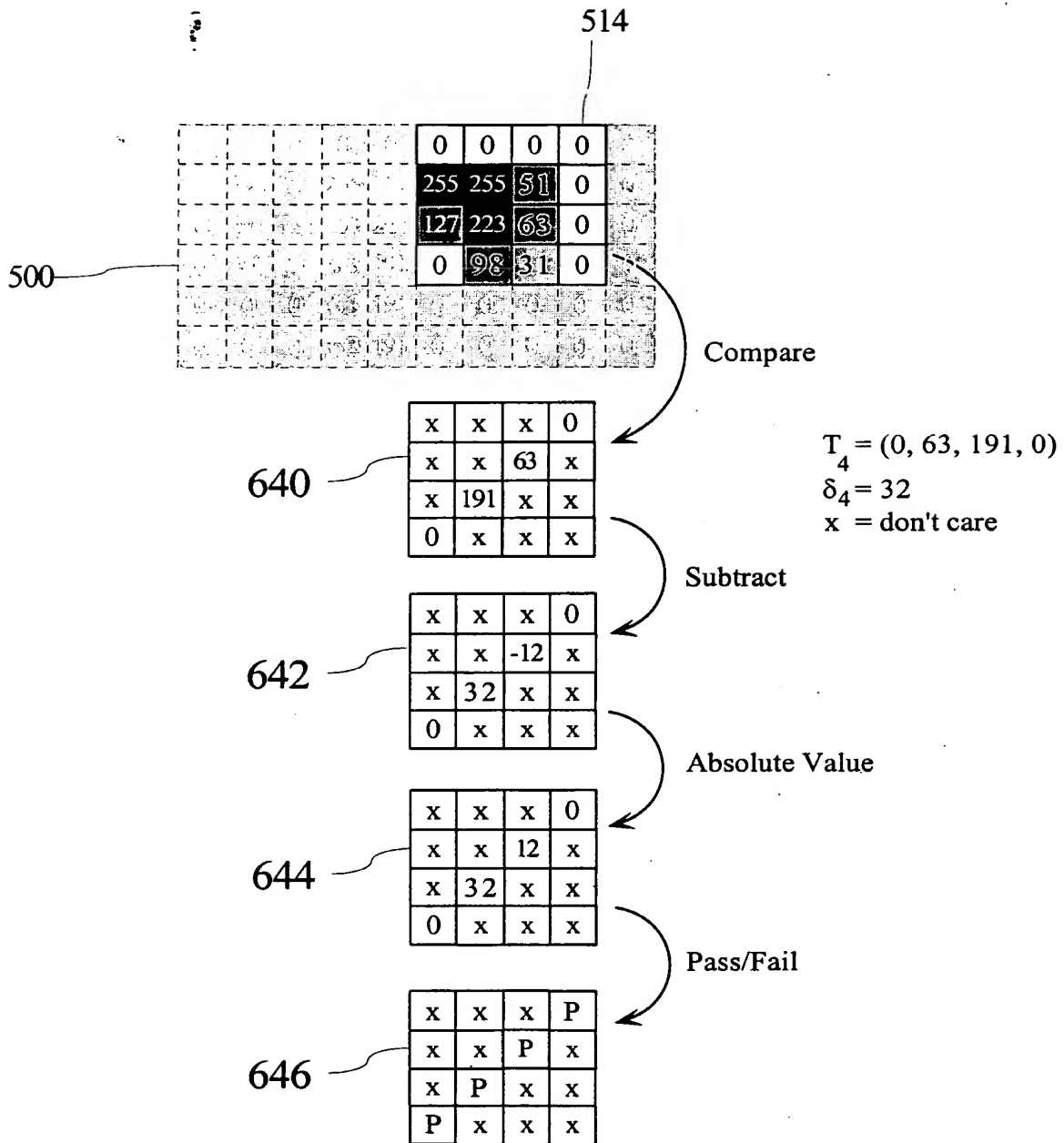


Fig. 11

500

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

516

Compare

640

x	x	x	0
x	x	63	x
x	191	x	x
0	x	x	x

$T_4 = (0, 63, 191, 0)$

$\delta_4 = 32$

x = don't care

Subtract

652

x	x	x	0
x	x	0	x
x	93	x	x
0	x	x	x

Absolute Value

654

x	x	x	0
x	x	0	x
x	93	x	x
0	x	x	x

Pass/Fail

656

x	x	x	P
x	x	P	x
x	F	x	x
P	x	x	x

Fig. 12

09768161.012401

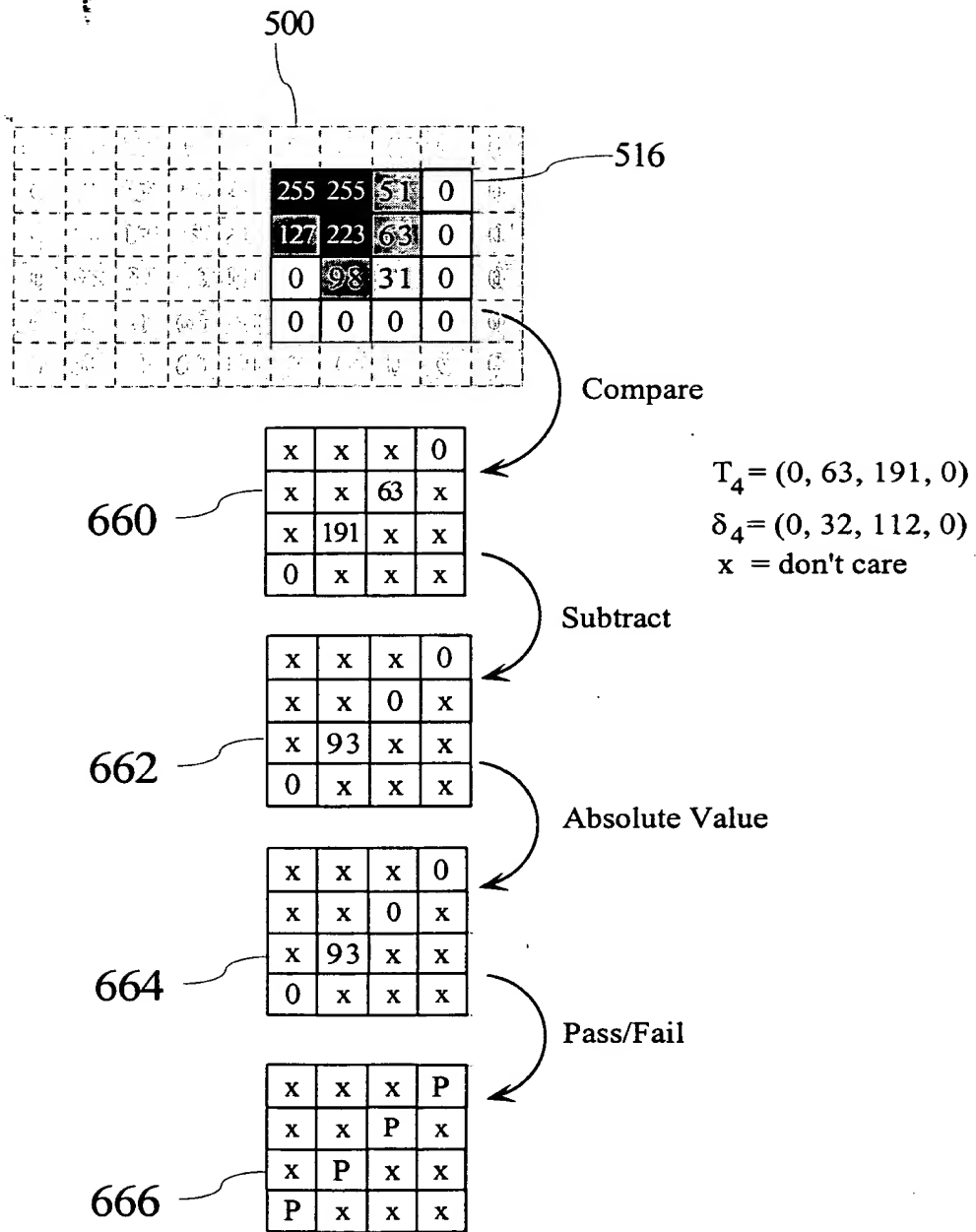


Fig. 13

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10420 T989Z60

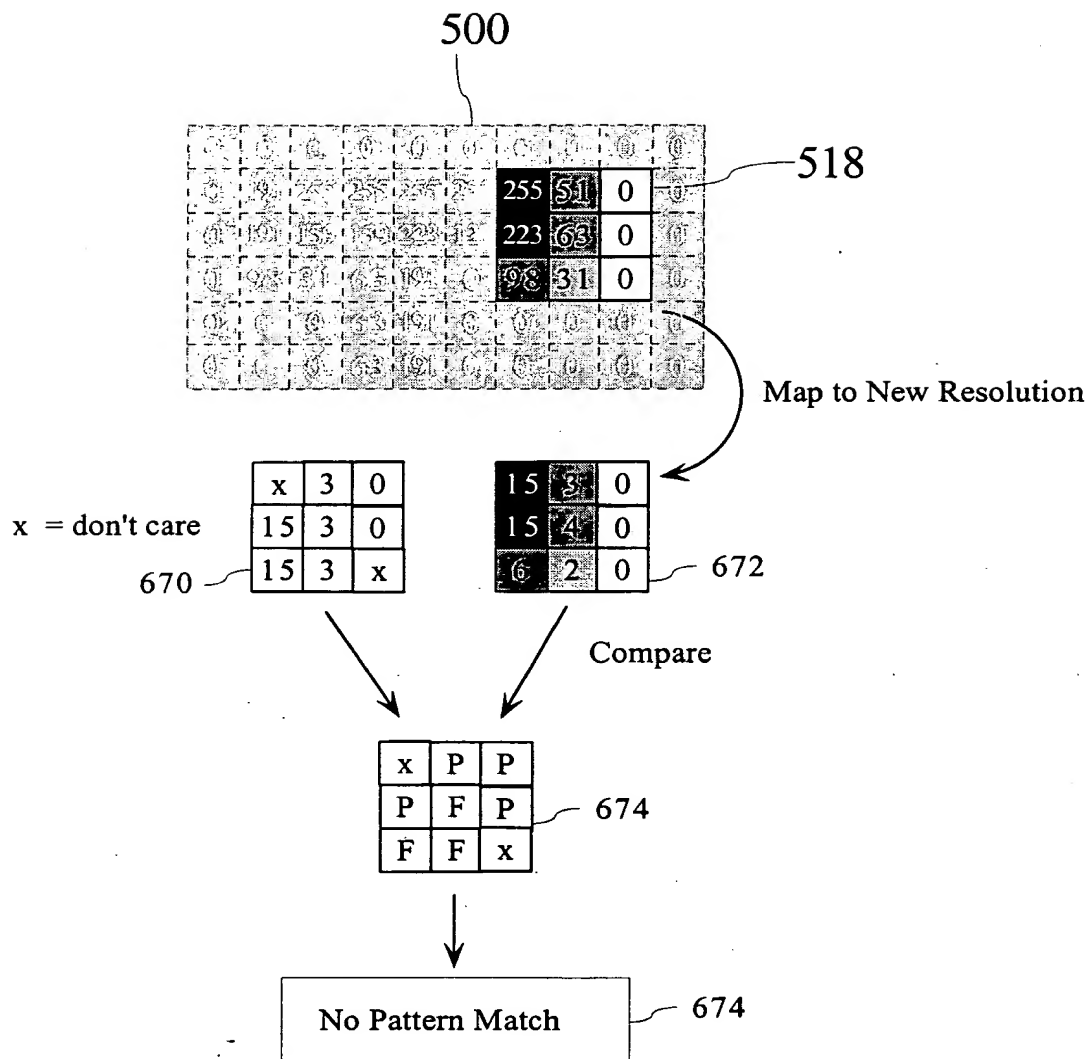


Fig. 14

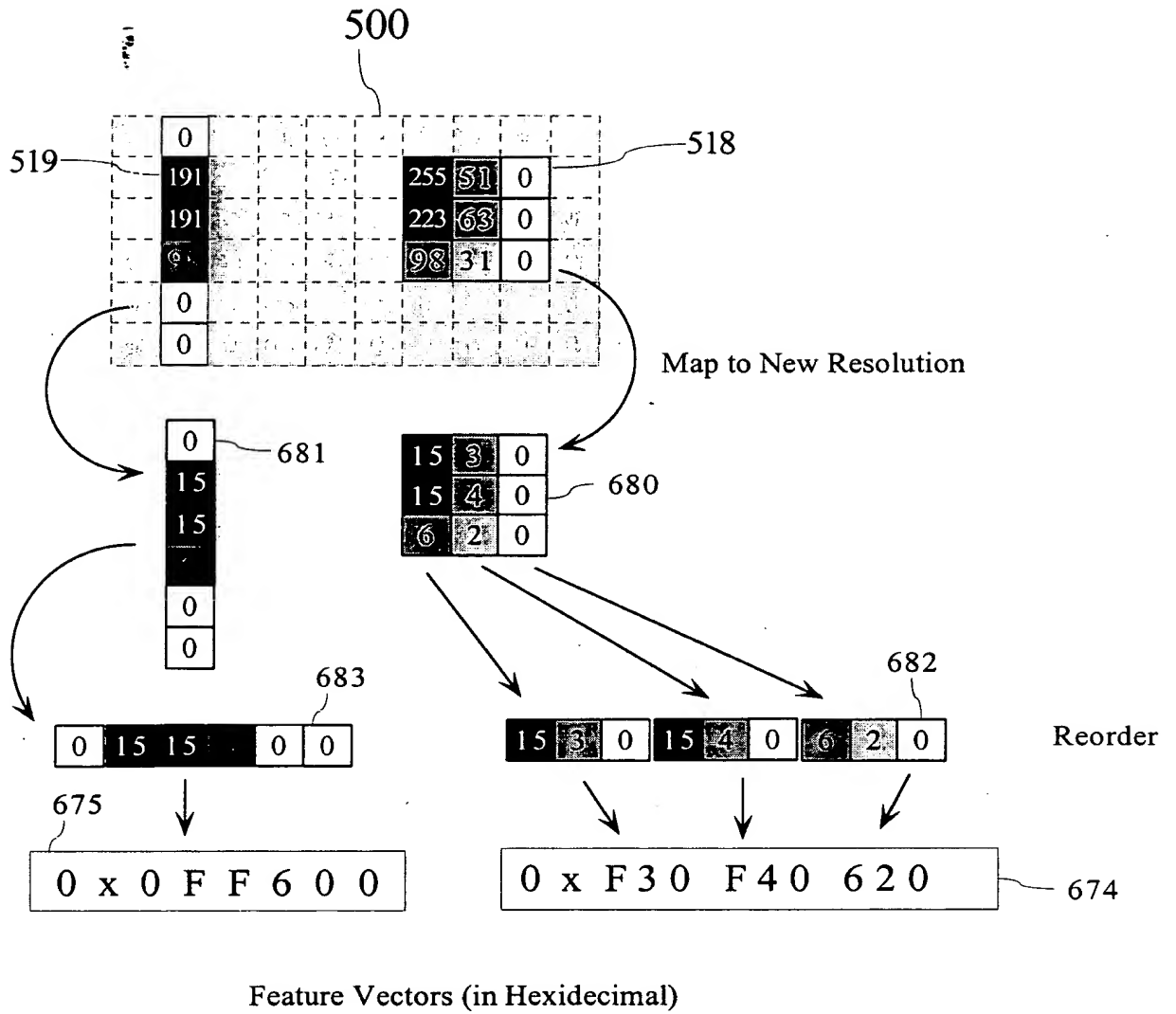


Fig. 15

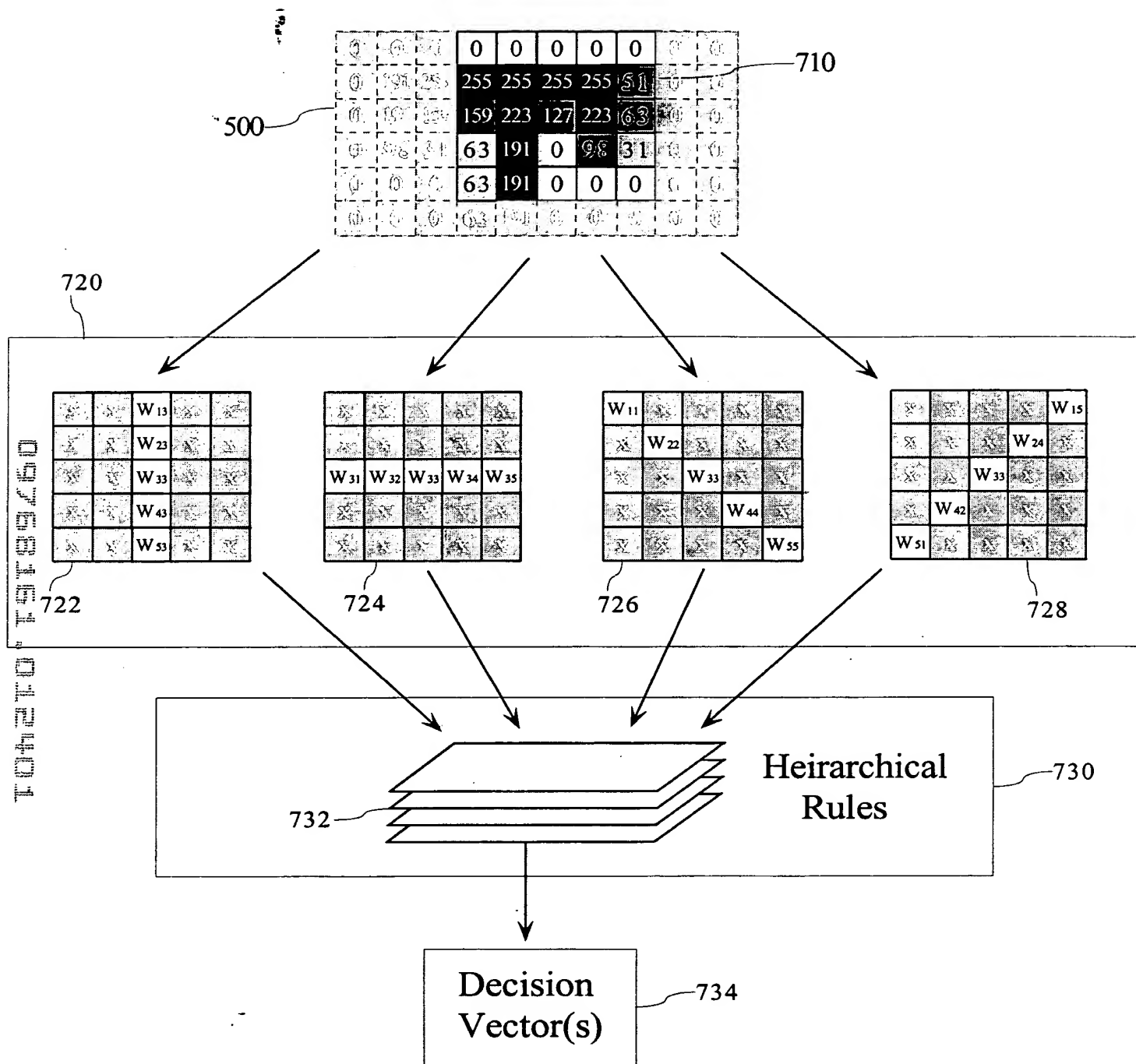


Fig. 16

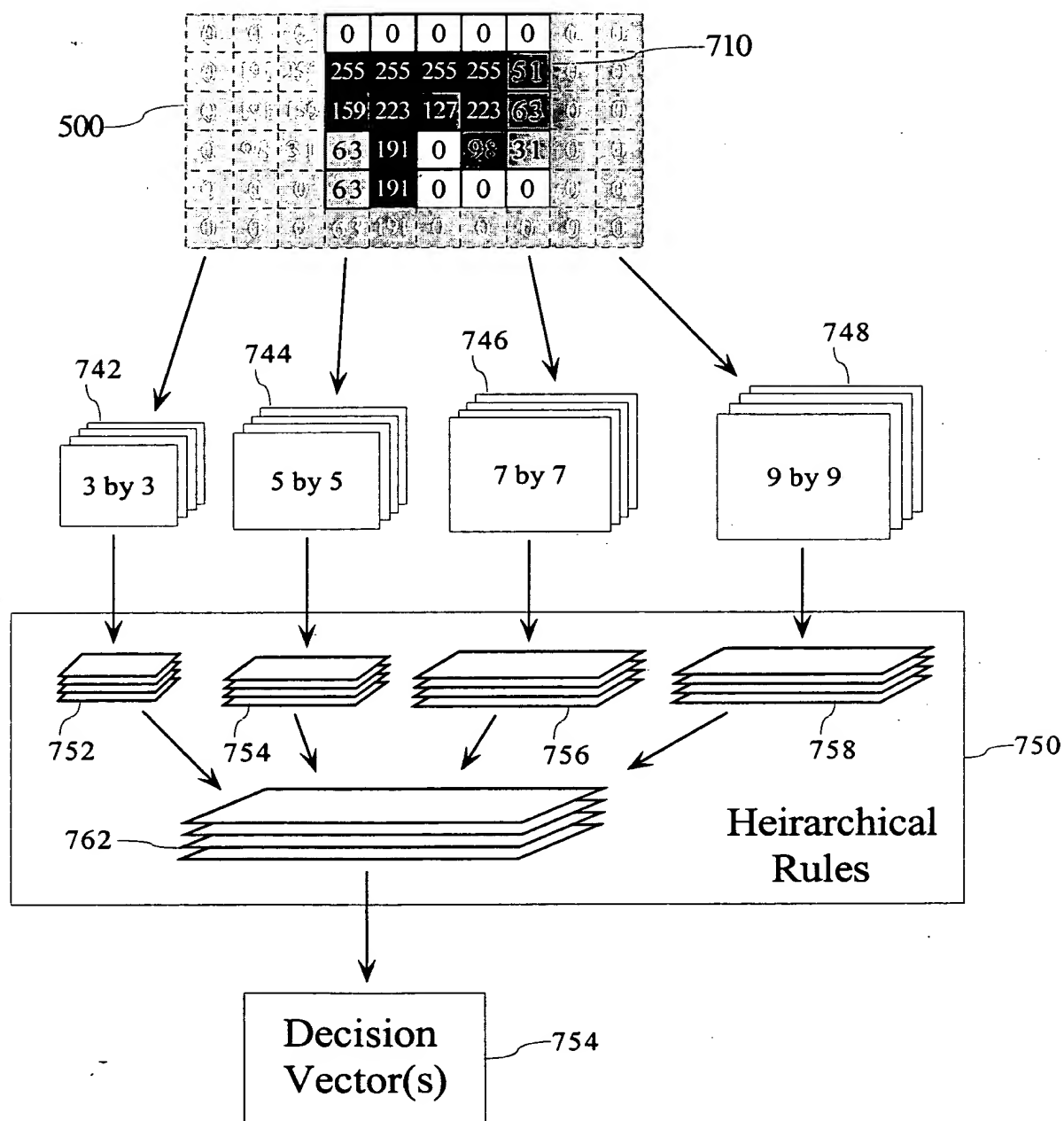


Fig. 17

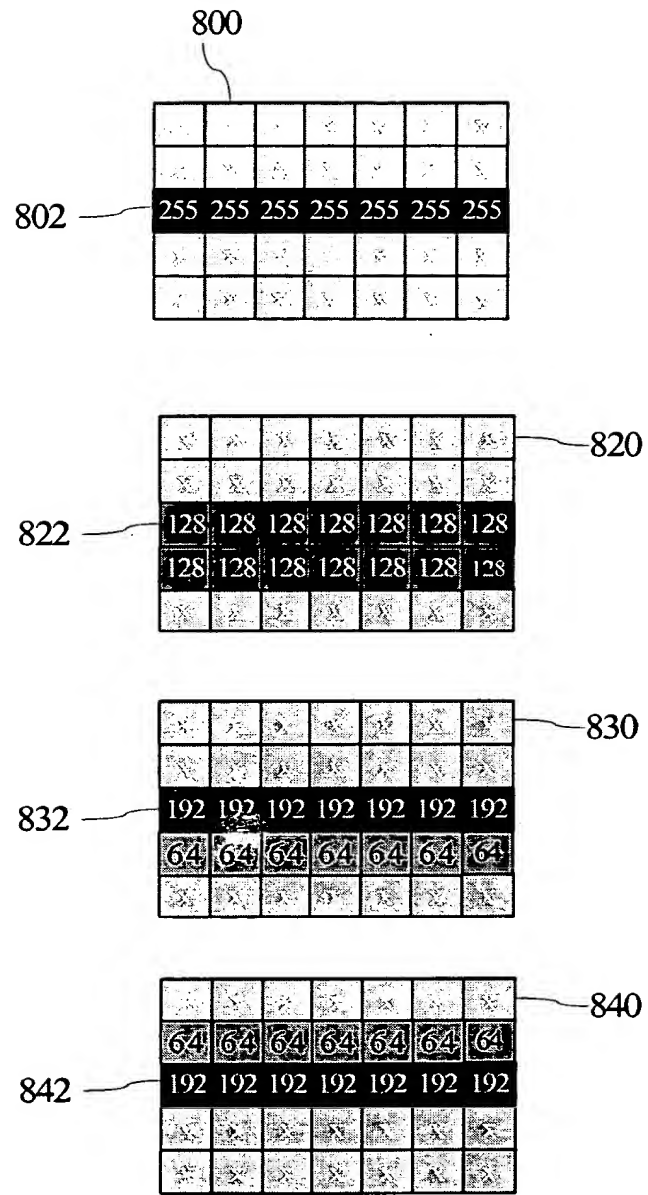


Fig. 18